

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number
WO 2004/050365 A1

(51) International Patent Classification⁷: **B41F 5/24, 13/32**

(21) International Application Number:
PCT/NL.2003/000848

(22) International Filing Date: 2 December 2003 (02.12.2003)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
1022048 2 December 2002 (02.12.2002) NL

(71) Applicant (for all designated States except US): **MPS HOLDING B.V.** (NL/NL); Lichtenhorststraat 4, NL-6942 GT Didam (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VAN DE BOVENKAMP, Antonie, Selis** (NL/NL); Hogenkampseweg 182, NL-6871 JW Renkum (NL).

(74) Agent: **PRINS, A.W.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

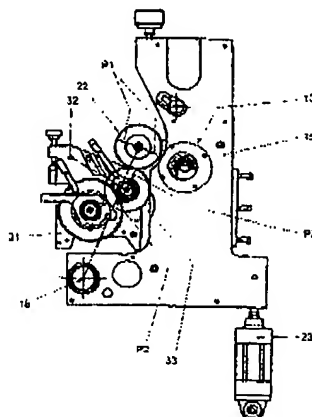
(84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **PRINTING MODULE, AND PRINTING MACHINE PROVIDED WITH SUCH PRINTING MODULE**



(57) Abstract: A printing module provided with an impression roller, a plate cylinder assembly (22), an anilox roller (33) and a doctor roller, the impression roller (13) being rotably bearing-mounted in a main frame, the plate cylinder being rotatably bearing-mounted in a first subframe (15) which is movably connecte, with the main frame for the purpose of the positioning of the plate cylinder relative to the impression roller, while the anilox roller and the doctor ro: are rotatably bearing-mounted in a second subframe (31) which is movably connected with the main frame for the purpose of the positioning of the anilc roller relative to the plate cylinder, displaceable connections being so designed that a positioning change of the plate cylinder relative to the impression roller does not affect the positioning of the anilox roller relat: to the plate cylinder and that a positioning change of the anilox roller relative to the plate cylinder does not affect the positioning of the plate cylinder relative to the impression roller.

WO 2004/050365 A1

BEST AVAILABLE COPY